

=> FILE REG

FILE 'REGISTRY' ENTERED AT 12:35:21 ON 04 MAR 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 MAR 2005 HIGHEST RN 841200-41-7
DICTIONARY FILE UPDATES: 2 MAR 2005 HIGHEST RN 841200-41-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> FILE HCAPL

FILE 'HCAPLUS' ENTERED AT 12:35:26 ON 04 MAR 2005
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FILE COVERS 1907 - 4 Mar 2005 VOL 142 ISS 11
FILE LAST UPDATED: 3 Mar 2005 (20050303/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D QUE

L3	1 SEA FILE=REGISTRY ABB=ON	"1,2-HEXANEDIOL"/CN
L4	1 SEA FILE=REGISTRY ABB=ON	"1,2-OCTANEDIOL"/CN
L5	1 SEA FILE=REGISTRY ABB=ON	"1,2-DECANEDIOL"/CN
L6	1 SEA FILE=REGISTRY ABB=ON	"1,2-DODECANEDIOL"/CN
L7	1 SEA FILE=REGISTRY ABB=ON	"ETHYLENE GLYCOL"/CN
L8	5 SEA FILE=REGISTRY ABB=ON	(L3 OR L4 OR L5 OR L6 OR L7)
L9	1 SEA FILE=REGISTRY ABB=ON	PLATINUM/CN
L10	1 SEA FILE=REGISTRY ABB=ON	FE3PT/MF
L11	2 SEA FILE=REGISTRY ABB=ON	FEPT/MF
L12	4 SEA FILE=REGISTRY ABB=ON	FEPT3/MF

L13 9 SEA FILE=REGISTRY ABB=ON COPT/MF
 L14 1 SEA FILE=REGISTRY ABB=ON L13 NOT 1/C
 L15 2 SEA FILE=REGISTRY ABB=ON COPT3/MF
 L16 1 SEA FILE=REGISTRY ABB=ON L15 NOT 1/C
 L17 1 SEA FILE=REGISTRY ABB=ON COBALT/CN
 L18 2 SEA FILE=REGISTRY ABB=ON COSM/MF
 L19 1 SEA FILE=REGISTRY ABB=ON L18 NOT 1/C
 L20 12 SEA FILE=REGISTRY ABB=ON (L9 OR L10 OR L11 OR L12) OR L14 OR
 L16 OR L17 OR L19
 L22 9 SEA FILE=REGISTRY ABB=ON C15H21FEO6/MF
 L23 8 SEA FILE=REGISTRY ABB=ON C10H14COO4/MF
 L24 2 SEA FILE=REGISTRY ABB=ON C15H21O6SM/MF
 L25 1 SEA FILE=REGISTRY ABB=ON C2AGF3S2/MF
 L27 1 SEA FILE=REGISTRY ABB=ON C2HF3O2.AG/MF
 L28 8 SEA FILE=REGISTRY ABB=ON CL2FE/MF
 L29 29 SEA FILE=REGISTRY ABB=ON (L22 OR L23 OR L24 OR L25) OR L27 OR
 L28
 L30 1 SEA FILE=REGISTRY ABB=ON IRON/CN
 L31 16 SEA FILE=REGISTRY ABB=ON FE2O3/MF
 L32 7 SEA FILE=REGISTRY ABB=ON FE3O4/MF
 L33 14 SEA FILE=REGISTRY ABB=ON FEO/MF
 L34 7 SEA FILE=REGISTRY ABB=ON COO/MF
 L35 5 SEA FILE=REGISTRY ABB=ON GD2O3/MF
 L36 12 SEA FILE=REGISTRY ABB=ON CRO2/MF
 L37 17 SEA FILE=REGISTRY ABB=ON NIO/MF
 L38 79 SEA FILE=REGISTRY ABB=ON (L30 OR L31 OR L32 OR L33 OR L34 OR
 L35 OR L36 OR L37)
 L39 20 SEA FILE=REGISTRY ABB=ON C5FEO5/MF
 L40 2 SEA FILE=REGISTRY ABB=ON C9FE2O9/MF
 L41 6 SEA FILE=REGISTRY ABB=ON C12FE3O12/MF
 L42 7 SEA FILE=REGISTRY ABB=ON C8CO2O8/MF
 L43 6 SEA FILE=REGISTRY ABB=ON C12CO4O12/MF
 L44 15 SEA FILE=REGISTRY ABB=ON C4NIO4/MF
 L45 56 SEA FILE=REGISTRY ABB=ON (L39 OR L40 OR L41 OR L42 OR L43 OR
 L44)
 L47 535715 SEA FILE=HCAPLUS ABB=ON L45 OR L38
 L52 43788 SEA FILE=HCAPLUS ABB=ON L8
 L56 296050 SEA FILE=HCAPLUS ABB=ON L20 OR L29
 L57 72865 SEA FILE=HCAPLUS ABB=ON L47 AND L56
 L58 2118 SEA FILE=HCAPLUS ABB=ON L57 AND NANO?
 L59 74 SEA FILE=HCAPLUS ABB=ON L58 AND CORE?(4A) (?SHELL? OR ?COAT?)
 L60 4613 SEA FILE=HCAPLUS ABB=ON L56 AND L17 AND NANO?
 L61 82 SEA FILE=HCAPLUS ABB=ON L60 AND CORE?(4A) (?SHELL? OR ?COAT?)
 L62 105 SEA FILE=HCAPLUS ABB=ON L59 OR L61
 L63 5 SEA FILE=HCAPLUS ABB=ON L52 AND L62
 L65 83 SEA FILE=HCAPLUS ABB=ON L62 AND (PREP/RL OR PREPAR? OR
 PROC/RL)
 L66 57 SEA FILE=HCAPLUS ABB=ON L65 AND MAGNETIC?/SC, SX, AB, BI
 L68 59 SEA FILE=HCAPLUS ABB=ON L66 OR L63

=> D L68 BIB ABS IND HITSTR 1-59

L68 ANSWER 1 OF 59 HCAPLUS COPYRIGHT-2005 ACS on STN
 AN 2005:98907 HCAPLUS
 DN 142:193986
 TI Preparation of gold-coated magnetic
 nanoparticles for use in biotechnology applications
 IN Berning, Douglas E.; Kraus, Robert H.; Atcher, Robert W.; Schmidt, Jorgen

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> =>-D QUE

L3	1-SEA FILE=REGISTRY ABB=ON	"1,2-HEXANEDIOL"/CN
L4	1 SEA FILE=REGISTRY ABB=ON	"1,2-OCTANEDIOL"/CN
L5	1 SEA FILE=REGISTRY ABB=ON	"1,2-DECANEDIOL"/CN
L6	1 SEA FILE=REGISTRY ABB=ON	"1,2-DODECANEDIOL"/CN
L7	1 SEA FILE=REGISTRY ABB=ON	"ETHYLENE GLYCOL"/CN
L8	5 SEA FILE=REGISTRY ABB=ON	(L3 OR L4 OR L5 OR L6 OR L7)
L9	1 SEA FILE=REGISTRY ABB=ON	PLATINUM/CN
L10	1 SEA FILE=REGISTRY ABB=ON	FE3PT/MF
L11	2 SEA FILE=REGISTRY ABB=ON	FEPT/MF
L12	4 SEA FILE=REGISTRY ABB=ON	FEPT3/MF
L13	9 SEA FILE=REGISTRY ABB=ON	COPT/MF
L14	1 SEA FILE=REGISTRY ABB=ON	L13 NOT 1/C
L15	2 SEA FILE=REGISTRY ABB=ON	COPT3/MF
L16	1 SEA FILE=REGISTRY ABB=ON	L15 NOT 1/C
L17	1 SEA FILE=REGISTRY ABB=ON	COBALT/CN
L18	2 SEA FILE=REGISTRY ABB=ON	COSM/MF
L19	1 SEA FILE=REGISTRY ABB=ON	L18 NOT 1/C
L20	12 SEA FILE=REGISTRY ABB=ON	(L9 OR L10 OR L11 OR L12) OR L14 OR L16 OR L17 OR L19
L22	9 SEA FILE=REGISTRY ABB=ON	C15H21FEO6/MF
L23	8 SEA FILE=REGISTRY ABB=ON	C10H14COO4/MF
L24	2 SEA FILE=REGISTRY ABB=ON	C15H21O6SM/MF
L25	1 SEA FILE=REGISTRY ABB=ON	C2AGF3S2/MF
L27	1 SEA FILE=REGISTRY ABB=ON	C2HF3O2.AG/MF
L28	8 SEA FILE=REGISTRY ABB=ON	CL2FE/MF
L29	29 SEA FILE=REGISTRY ABB=ON	(L22 OR L23 OR L24 OR L25) OR L27 OR L28
L30	1 SEA FILE=REGISTRY ABB=ON	IRON/CN
L31	16 SEA FILE=REGISTRY ABB=ON	FE2O3/MF
L32	7 SEA FILE=REGISTRY ABB=ON	FE3O4/MF
L33	14 SEA FILE=REGISTRY ABB=ON	FEO/MF
L34	7 SEA FILE=REGISTRY ABB=ON	COO/MF
L35	5 SEA FILE=REGISTRY ABB=ON	GD2O3/MF
L36	12 SEA FILE=REGISTRY ABB=ON	CRO2/MF
L37	17 SEA FILE=REGISTRY ABB=ON	NIO/MF
L38	79 SEA FILE=REGISTRY ABB=ON	(L30 OR L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR L37)

KATHLEEN FULLER EIC 1700 REMSEN 4B28 571/272-2505

L39 20 SEA FILE=REGISTRY ABB=ON C5FEO5/MF
 L40 2 SEA FILE=REGISTRY ABB=ON C9FE2O9/MF
 L41 6 SEA FILE=REGISTRY ABB=ON C12FE3O12/MF
 L42 7 SEA FILE=REGISTRY ABB=ON C8CO2O8/MF
 L43 6 SEA FILE=REGISTRY ABB=ON C12CO4O12/MF
 L44 15 SEA FILE=REGISTRY ABB=ON C4NIO4/MF
 L45 56 SEA FILE=REGISTRY ABB=ON (L39 OR L40 OR L41 OR L42 OR L43 OR L44)
 L47 535715 SEA FILE=HCAPLUS ABB=ON L45 OR L38
 L52 43788 SEA FILE=HCAPLUS ABB=ON L8
 L56 296050 SEA FILE=HCAPLUS ABB=ON L20 OR L29
 L57 72865 SEA FILE=HCAPLUS ABB=ON L47 AND L56
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 L61 82 SEA FILE=HCAPLUS ABB=ON L60 AND CORE?(4A) (?SHELL? OR ?COAT?)
 L62 105 SEA FILE=HCAPLUS ABB=ON L59 OR L61
 L63 5 SEA FILE=HCAPLUS ABB=ON L52 AND L62
 L65 83 SEA FILE=HCAPLUS ABB=ON L62 AND (PREP/RL OR PREPAR? OR PROC/RL)
 L66 57 SEA FILE=HCAPLUS ABB=ON L65 AND MAGNETIC?/SC, SX, AB, BI
 L68 59 SEA FILE=HCAPLUS ABB=ON L66 OR L63
 L69 2245 SEA FILE=HCAPLUS ABB=ON CORE?(3A)SHELL? AND NANO?
 L70 10 SEA FILE=HCAPLUS ABB=ON L8 AND L69
 L71 8 SEA FILE=HCAPLUS ABB=ON L69 AND SOLUTION? AND (INERT(A)GAS? OR NITROGEN OR N2)
 L72 321 SEA FILE=HCAPLUS ABB=ON L69 AND REDUC?
 L73 11 SEA FILE=HCAPLUS ABB=ON L72 AND (INERT(A)GAS? OR NITROGEN OR N2)
 L74 27 SEA FILE=HCAPLUS ABB=ON L71 OR L70 OR L73
 L75 20 SEA FILE=HCAPLUS ABB=ON L74 AND (NANOPARTICLE? OR NANOCOMPOSIT E?)
 L76 76 SEA FILE=HCAPLUS ABB=ON L68 OR L75
 L77 17 SEA FILE=HCAPLUS ABB=ON L76 NOT L68
 L78 5 SEA FILE=HCAPLUS ABB=ON L77 AND MAGNETIC?/SC, SX, AB, BI

=> D L78 1-5 BIB ABS IND

L78 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:1007059 HCAPLUS
 DN 142:168041
 TI Morphology control and texture of Fe3O4 **nanoparticle**-coated polystyrene microspheres by ethylene glycol in forced hydrolysis reaction
 AU Huang, Zhongbing; Tang, Fangqiong; Zhang, Lin
 CS Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Beijing, 100101, Peop. Rep. China
 SO Thin Solid Films (2004), Volume Date 2005, 471(1-2), 105-112
 CODEN: THSFAP; ISSN: 0040-6090
 PB Elsevier B.V.
 DT Journal
 LA English
 AB The effects of ethylene glycol (EG) on morphol. and texture of the magnetite **shell/core** polystyrene microspheres produced